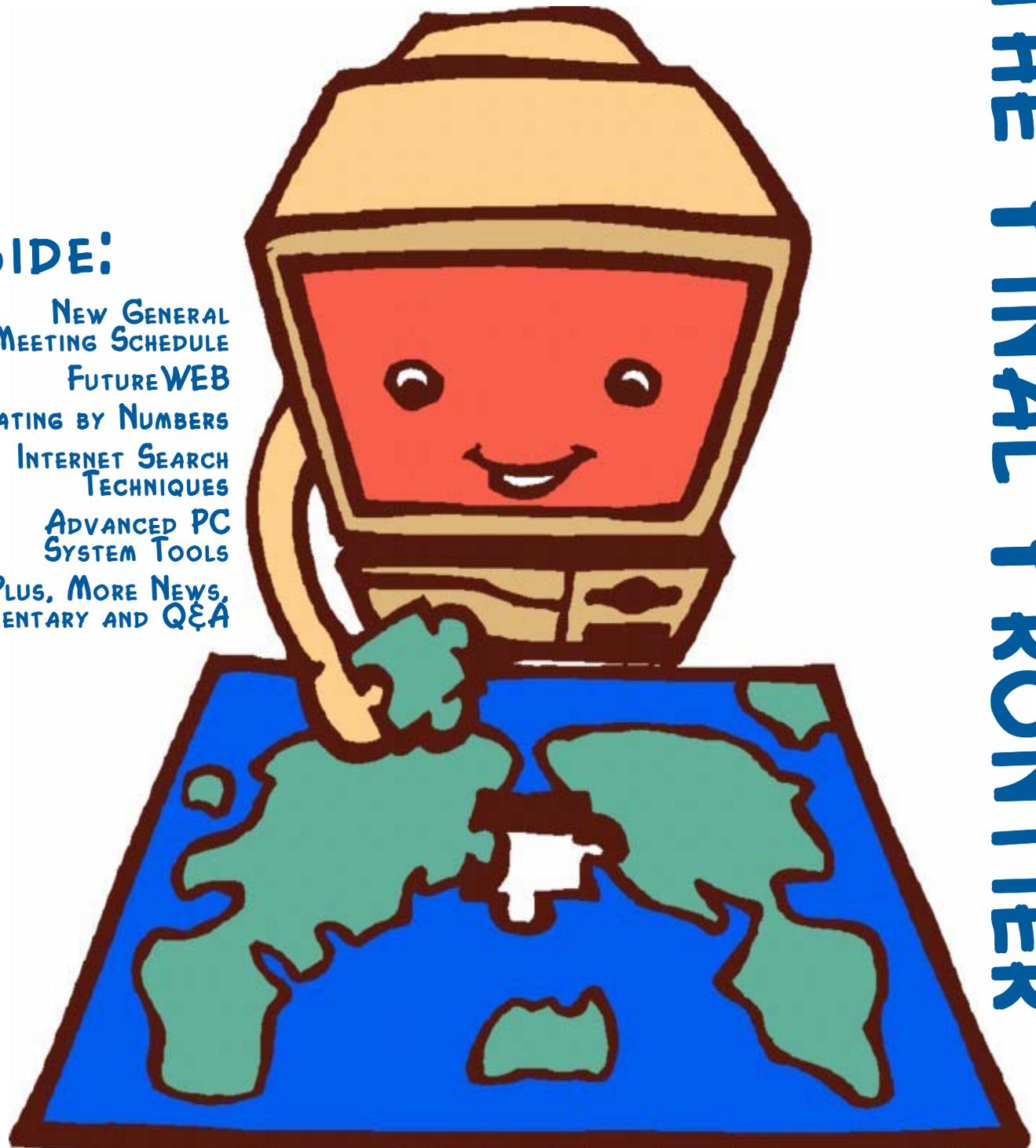


DIGITAL CARTOGRAPHY: EXPLORING

THE FINAL FRONTIER

INSIDE:

NEW GENERAL
MEETING SCHEDULE
FUTUREWEB
NAVIGATING BY NUMBERS
INTERNET SEARCH
TECHNIQUES
ADVANCED PC
SYSTEM TOOLS
PLUS, MORE NEWS,
COMMENTARY AND Q&A



President's File



Congrats to all of the December prize winners! Thanks again to Culminis, Microsoft, and Smart Computing Magazine for the generous donations!

Congratulations are also in order for the new and reelected Directors! For this term, we are pleased to welcome a new addition, Joseph Tobin. Joseph is DACS' youngest current Board Member and has already brought some new viewpoint to the group. Thanks also go to his mother, Mary, for encouraging and assisting his participation in the group.

Thanks again to John Patrick for another stellar presentation and new insight into where the Internet at large is going. It is interesting to see which things still stick out like sore thumbs that companies simply don't grasp when conducting business over the web. John described how different countries and municipalities embrace technology (particularly wireless) for their citizens and how the United States takes a seemingly opposite approach. Our switch from analog to digital broadcasting may change that significantly in the coming year or so. Will John's predictions unfold as he described?

We have several goals for 2009—expand and define what 'Membership Benefits' are and should be. There is a lot more

depth we wish to add so that the organization can build upon its core asset: the Members. Sure, like any group, this one wouldn't exist without its members. But, that's not what I'm talking about. Our SIGs, workshops, and meetings all are driven by what we know, what we can share, what we can do, and what we can learn. And, what I've learned repeatedly through 2008 is that there are some interesting areas of knowledge within our membership that don't bubble to the surface easily. I'm referring in large part to the niche things our members are doing with technology in which our other members may also share an interest. What I would like to see most for 2009 is that those subgroups have an opportunity to bubble to the surface.

Another goal for this year is to expand our impact and/or appearance in the community. DACS is largely unknown even though it is over two decades old. A DACS license plate frame was a brilliant addition to our DACS Gear! They are available at <http://www.cafepress.com/dacsgear> and look sharp!

I would be remiss if I didn't point out that cutting expenses is a priority—especially in these economic times. We have concluded our experiment using a color laser printing process for the newsletter. While we have saved money over the previous printing process, the concern is still whether the current color version is of value over black and white. In January, the Board will be voting on what course of action to take. Increases in mailing costs, increase in cost per copy due to changes in volume, and lack of paid advertisements to offset production costs are the driving factors in the decisions. It's your newsletter, so if you have a say or want to know more, then go to the website and leave comments. The January 5 board meeting is when a decision will be made that will affect future issues.

We have some terrific presentations shaping up for 2009! I'm proud to say we're already booked up through June! We still need a volunteer to step forward to coordinate and lead the scheduling for the remainder of our main monthly meetings.

Speaking of the 'General Meetings'... If anyone knows of tech events that would be suitable for listing in the 'Upcoming Events' section of the 'Welcome' slide show, please let us know so they can be included.

Holiday details beckon, so I must leave you with that note. Hope everyone has a great 2009!

—Rob Limbaugh
relimbaugh@dacs.org

Membership Information

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Applications & Hardware to enhance *dacs.doc* are welcome.



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Apple User Group

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Directors' Notes

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RESOURCE CENTER: (203) 748-4330 • **WEB SITE:** <http://www.dacs.org>

HelpLine

Volunteers have offered to field member questions by phone. Please limit calls to the hours indicated below. Days means 9 a.m. to 5 p.m.; evening means 6 to 9:30 p.m. Please be considerate of the volunteer you are calling. HelpLine is a free service. If you are asked to pay for help or are solicited for sales, please contact the dacs.doc editor; the person requesting payment will be deleted from the listing. Can we add your name to the volunteer listing?

d = day e = evening

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APL	Charles Bovaird	(203) 792-7881	(e)
ASP.Net	Chuck Fizer	(203) 798-9996	(d)
C/UNIX/ObjC	Kenneth Lerman	(203) 426-4430	(d e)
C#, VB	Chuck Fizer	(203) 798-9996	(d)
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Interface-Instrumentation	Andrew Woodruff	(203) 798-2000	(d e)
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SAS	Lewis Westfall	(203) 790-0229	(e)
Statistics/Data Analysis	Charles Bovaird	(203) 792-7881	(d e)
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SQL Server, MySQL-5	Chuck Fizer	(203) 798-9996	(d)
Malware	Jeff Setaro	(203) 748-6748	(d)
VB.Net, Visual Basic	Chuck Fizer	(203) 798-9996	(d)

A regular meeting of your Board of Directors was held at the Resource Center on Monday, December 8, 2008, at 7:00 p.m. Present were Howard Berger, Charles Bovaird, Richard Corzo, Sean Henderson, John Lansdale, Patrick Libert, Rob Limbaugh, Anna van Ommeren, Jeff Setaro and Joseph Tobin. President Rob Limbaugh presided and Secretary Anna van Ommeren kept the record. Minutes of the last meeting held December 8, 2008, were presented and approved.

Treasurer Charles Bovaird reported current cash assets of \$6,810.70, consisting of total bank and postal accounts in the amount of \$6,736.73 plus postage on hand of \$73.97. Subtracting a liability of prepaid dues in the amount of \$1,033.00 left a net equity of \$5,777.70. He also reported that the current membership is at 225, of which 199 have valid email addresses.

The meeting started with a warm welcome to Joseph Tobin, the new board member. Rob took a moment to explain how the Board functions, and the other members present introduced themselves.

Rob went on to remind the Board that General Meeting dates, starting in 2009, will be held on the 'first Mondays', dates as follows: 1/5, 2/2, 3/2, 4/6, 5/4, 6/1, 7/6, 8/3, 9/7, 10/5, 11/2, 12/7. All dates are confirmed for the Danbury Hospital Auditorium, as well as the foyer space.

Regarding the new host for the DACS website, Rob gave his report on the migration progress. He is continuing with the setup process, and plans to complete the preparation for the move before the end of the month. In response to Richard's questions about the server, Rob explained it is IIS based with support for .net, asp and PHP. Rob will set up the necessary permissions, and import the calendar information and current PHPBB forum into Drupal. The board discussed the logistics of the move, and how to handle older pages on the site. These will most likely remain as they are now, and going forward, new content will be inserted into Drupal. After completing the set up of MySQL and Drupal, Rob will give the webmasters the necessary information to work within the new system.

Howie explained how his son-in-law was able to benefit from the expertise of the Board, and with the help of Rob had

DIRECTORS' NOTES, Cont. on page 4

successfully recovered lost computer data. Howie emphasized this illustrates how providing access to expert knowledge is one of the wonderful benefits of DACS membership.

Howie also reported on his progress in researching possible insurance policies for DACS members. Policies underwritten by "Travelers" could offer discounts for car and home policies, with 5-10% savings. He is also pursuing Health insurance and Health Saving Account options.

On a different subject, Howie went on to inform the board he set up a LinkedIn group for DACS. Eligibility will be confirmed by referencing the DACS membership list. The logistics of managing the group were discussed. However, Sean questioned some of the pros and cons of social networking. Howie explained some of the advantages, such as promoting members with certain technical skills and how, through the LinkedIn connections members can help each other with possible job searches. Sean mentioned his preference for more personal face-to-face interaction.

Next up for discussion was the "General flyer" for long-term posting. Patrick presented 3 different concepts created in collaboration with Annette, and mentioned that NASA has a large collection of free high-res images available to enhance the poster. He explained his thoughts about creating a visually different eye-catching look, and to move away from using cartoon images. The different proofs were discussed and Annette offered to prepare a new variation based on the designs. Joseph mentioned he liked the "binary imagery" on one sample, and Annette said she might include that in a revision. Joseph said he would also try to work on a layout. It was suggested the image on the poster be updated every few months to stimulate interest.

The Board voted to buy a new bulb for the projector in the resource center, and Charlie said he would handle the ordering process.

Sean presented a brief marketing report. He mentioned he contacted David Pogue of the New York Times requesting a possible presentation; however he had not yet received a reply. Rob commented on the new DACS license plates—they are popular and well liked. As bulk orders reduce shipping costs,

Meeting Review

John Patrick – Future Of The Internet

By Sean H. Henderson

THE EXCITEMENT over our December meeting is still being felt. John Patrick took the stage before the largest DACS audience of the year – all eager to hear about the technology that touches nearly all of our lives.

John Patrick has given this presentation to DACS well over a dozen times. At the beginning, he was presented an engraved thank-you gift—a chrome dash plate for one of his motorcycles displayed on his Web-site. He then began his presentation with the excitement and eagerness of someone who truly understands the role of technology in modern life.

Much of his program comes from his book, *Net Attitude*, and those who have seen it previously recognized many of the slides and stories. One feature that remains the same is this percentage number – the Internet is still in the 5% of its potential. He maintains this low estimate despite the record number of people worldwide now online and on other metrics. He still criticizes many, if not most, businesses for having an inside-out mentality - where the Internet is a tool used to push back on customers or where businesses miss the mark completely and gave numerous examples. John Patrick sees the Internet as being a democratizing force giving "power to the people" and a way to give people real choices.

John Patrick champions government and the public sector for being closer to these ideals. One example he cited was the U.S. IRS' e-File program with its large participation numbers. He went on to give examples on how even Danbury Hospital - where the meeting took place - was forward thinking.

For the businesses he offers as examples of having it "figured out", he still uses eBay as an example of a company that thought through the experience of using their service in an end-to-end fashion. He also mentioned that eBay may be the largest reputation database in the world. Nuggets like that demonstrate how much John Patrick really envisions how organizations should interact with their customers.

New this year was his talking more in depth and thankfully defining "cloud com-

puting", and what it means for everyday people and for those who are tech savvy. Personally, he uses Google Docs and Gmail exclusively for all his office-related tasks. His logic is that Google probably has better

system administration, reliability and security than what he can offer with his own servers and backups at home. He said he still needs to run Windows for a couple of applications (he mentions Quicken), but otherwise the Internet and software titles will use more frameworks and

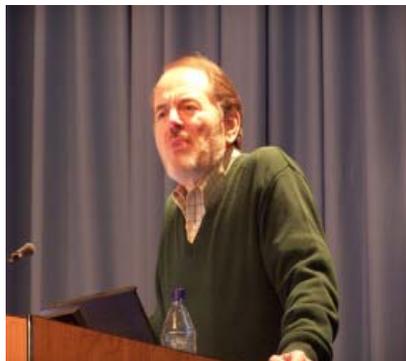
software layers to make operating system choices more flexible.

The key to a successful Internet and Net Attitude, as Mr. Patrick describes in his book, are: fast, always on, everywhere, natural, easy, intelligent, and trusted. Some of these attributes, such as trusted, are obviously more difficult than others to implement and to be accepted. He readily discloses that much of what is blocking the Internet's potential is often political if not technological. He cites lobbyists for Verizon getting public Wi-Fi blocked in many jurisdictions. He also used Verizon as an example of a company that missed the mark by unreasonably limiting what types of requests could be handled by way of email.

He also spoke about the changing role of libraries and schools. Libraries, he said, were already expanding, not with books, but with events and computer labs. Regarding the Internet Bubble, he said that the problem wasn't technology, but poor business models "trying to push water uphill."

Mr. Patrick is a great speaker, and especially on this topic. DACS looks forward to the next time our members and visitors are treated to this presentation.

As a reminder, DACS General Meeting presentations are free and open to the public, and held at the Danbury Hospital Creasy auditorium. DACS has been serving the Danbury and surrounding communities for nearly two decades. Visit <http://www.dacs.org> or see any Board Member for information on joining DACS and getting involved.



Meeting Preview

Digital Cartography

By Rob Limbaugh

WHEN YOU TAKE a look around you, maps are present everywhere in our lives. Road atlases, weather maps, political maps (changing every week), tax and survey maps, sky maps, maps of the shopping mall, blueprints and floor plans of buildings, stadium and theater layouts, trail maps in parks, corporate flowcharts, assembly instructions that come packaged with products. How often do we MapQuest, give someone directions, or try to follow theirs? Maps are everywhere. And yet strangely, how rarely do we ever teach a child how to read a map, let alone navigate by it. No wonder so many of us grow up “map-challenged.”

Maps are magical! If you can make sense of them, you can find your way to a place you’ve never visited, seen, or even heard of. You can get from where you are to wherever you want to go – whether to a store cross-town or the third moon of Jupiter. But for many people, maps remain a mystery, a confusion of direction and features, left and right. Which way is which? What are we facing, what is behind?

Our modern world has given us MapQuest, Google Maps, Expedia. Mapping GPS units are now mainstream and cheap. Phones have GPS built in. Knowing where we are in relation to anything and everything else around us is so important that the killer mapping applications and devices cater that to the extent we no longer think about what goes on behind the technology and the principles by which it works.

In time with the New Year, when we all vow to plot new courses, we are pleased to present Ed Hicks, owner of “Orienteering Unlimited, Inc.” as our featured speaker for our January 2009 General Meeting. Topics we will be exploring include: How cartography tools have evolved with technology, navigation techniques, depths of Google Earth and Microsoft Virtual Earth, creating maps from aerial photography, mapmaking software, and more! OCAD (<http://www.ocad.com>) and Global Mapper (<http://www.globalmapper.com>) are two applications Ed will use to demonstrate different mapping solutions whether using existing data or when needing to create your own map.



Mr. Hicks is a retired New York State science teacher who pioneered the outdoor education and computer programs for his school district from the 70’s through early 90’s. Since founding Orienteering Unlimited in 1979, Ed has lead Map Adventure programs with countless schools, camps, youth groups, corporations, and teaches two 3-credit graduate courses on the subject. He has produced over 100 orienteering-quality maps of state parks, camps, and conference centers and educational campuses.

If you’re an explorer, adventurer, hiker, cyclist, tourist, spelunker, aviator, or sailor then stop by and learn how to get more detail from mapping technology! Attendees are encouraged to take a preview look at the OCAD and Global Mapper software demos before the meeting and bring questions they may have.

DACS meetings are held at the Danbury Hospital auditorium. Activities begin at 6:30 p.m. with registration and casual networking. The meeting starts at 7:00 p.m. with annual members meeting and other regular features. The main evening presentation begins approxi-

mately 8:00 p.m. Meeting is scheduled to adjourn at 9:30 p.m.

DACS General Meetings are free and open to the public. Members and prior attendees are encouraged to extend invitations to anyone interested in this topic.

Danbury Area Computer Society (DACS) is a registered nonprofit and has been serving the region since 1990. Members receive an award-winning newsletter, Members-only workshops and events, and access to volunteer phone support.

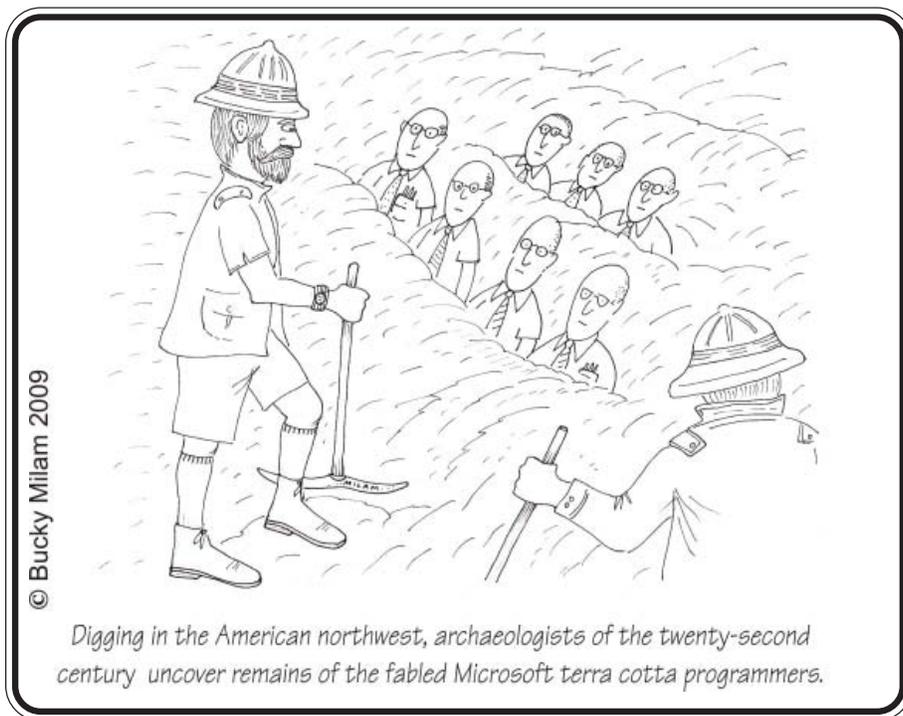
Note: Meeting is on Monday, January 5

DIRECTORS' NOTES, Cont. from page 4

it was suggested the general meeting audience be asked if they are interested in placing orders. Sean suggested the board members look at the CafePress offerings and consider additional items to customize with the DACS logo.

General meeting topics in 2009 start as follows: January is “Digital Cartography”, February is “IP Telephony”, March is “Home Server”, April is “Linux”, May is yet to be determined, and June will highlight “Law Enforcement Tracking”. Richard suggested “Backing Up” as a topic, and Jeff offered to present on “Virus Protection”. Additional suggestions included technologies used by the Coast Guard, GeoCaching, and Aviation.

- Annette van Ommeren



Significant Bits January 2009

by Sean N. Henderson

Happy New Year!
HAPPY NEW YEAR to everyone! As I write this, I do not know what tech goodie Santa will have brought for me, but as of this writing, my gear list has been mostly stable. I'm still using separate devices for PIM, cell phone access and listening to music. My laptop has itself upgraded but otherwise unchanged, and at work my boss sprang for a nifty wide-screen monitor. Except for some software titles here and there and some service changes (upgraded to cable Internet from DSL both at work and at home), all remains the same. So let's look at a recent software upgrade for a popular handheld.

Opera Mini for Palm TX

At one of the recent monthly DACS General Meetings, a friend mentioned that he uses Opera exclusively, and finds that it had better stability than even Firefox. Myself, I do not experience browser crashes on my desktops or laptops. My handheld browser has issues, however, which I'll get to in a moment. What I remembered was that I read somewhere that Opera could be loaded onto portable devices such as cell phones and PDAs. I'm a big PDA user and like my Palm TX very much. Maybe there was a version of Opera for my unit?

Let me first explain why I would care. The Palm TX comes with Wi-Fi and Bluetooth, and its two built-in Internet applications are VersaMail mail client and the Blazer Internet browser. At this stage, both of these built-in apps are quite underwhelming. If my attitude towards the



TX was based purely on these applications I would think the TX was an inferior unit. As I mentioned before in this column, I do use my PDA to check email on the road, but I use a terminal program



'pssh' to get SSH access into my server, where I use a very good server-side program called 'pine' to handle my regular email. VersaMail doesn't really handle email in a way that suits me, and the Blazer browser doesn't handle Flash at all or JavaScript very well or fully. Maybe loading Opera Mini would give the TX a much needed update and bring it forward technologically.

A Web search and a couple of Wiki articles later, I knew that the app to replace the Blazer was Opera Mini. Yes, there is a version of Opera Mini for the Palm OS and for the TX in particular. For the Palm OS units, there has to be a Java Virtual Machine (JVM) layer between the OS and Opera Mini, and the preferred package is a version of IBM WebSphere Everyplace Micro Environment (WEME). Version 5.7.1 seems to work the best on my particular TX.

The gotcha here is that PalmOS no longer makes WEME or any compatible JVM available for the TX since January 2008. IBM no longer seems to make the 5.7.1 version available, so a new Palm TX Opera Mini user will have to find a mirror site for the download. See the links at the bottom for one such link. As they say, your mileage may vary.

One poster on a related forum wrote: "Palm doesn't like its users very much." I'm beginning to agree with that. PC Mag seems to have the same beef with Palm and the PalmOS as well. It's a shame since I consider the PalmOS a superior and stable OS for handhelds. ("Handheld operating systems for \$100, Alex...")

Just Like That

Recently, I had to get a gift for a distinguished presenter. This person is obviously awash in promotional mugs, trophies, and other such items. Our budget didn't provide us enough for a monetary honorarium, so we were still looking at a gift – possibly a plaque or similar. We knew that the presenter enjoyed motorcycles, gadgets and oddly enough, pepper grinders. The search was on and maybe we could find a USB key with his motorcycle logo on it?

I visited the local cycle dealer. After looking online at the site, I knew that the local shop would carry more

items than could be found on the Web. I was not let down. The shop had a myriad of T-shirts, jackets, riding gear, and so on. After chatting with a floor person for a bit and determining that there wasn't really any techie sort of items, they directed me to the parts department.

We looked up the presenter's website, and there in the photo gallery were a number of cycles he owned. The parts person immediately saw what type of bikes he had, and said that one of them was missing a dash plate and we could probably get him that. Maybe engraved even, and suggested a local business at the mall. Great! If the store hadn't had the Internet available to the employees, this sale wouldn't have happened.

A well known business for onsite engraving is a shop at the local mall. A trip there and I met with the manager and she said that sure they could engrave this dash plate with a logo. I asked if they had the Internet available in the store and if they could pull down the logo files I had posted on my site for download. No, they could not. But, the manager indicated that I could email headquarters with the files using their website form, and they would prep the files for their engraving unit and forward them to the local store for use. I did that, got a call three business days later that all was well and that the dash plate would be ready in time. Nice!

What I find interesting in this story is the attitudes of the two stores. Both stores had informed staff, but the engraving business' lack of Internet access at the store for their employees put an extra step in the process and pushed back on the customer. The cycle shop was forward thinking and was able to put together a solution on the spot.

SEAN N. HENDERSON is a DACS director, officer and regular contributor to dacs.doc. More information at <http://seannhenderson.net/dacs.html>.

LINKS

Opera Mini

<http://www.operamini.com>

WebSphere Everyplace Micro Environment 5.7.1

<http://tinyurl.com/e7vs3>

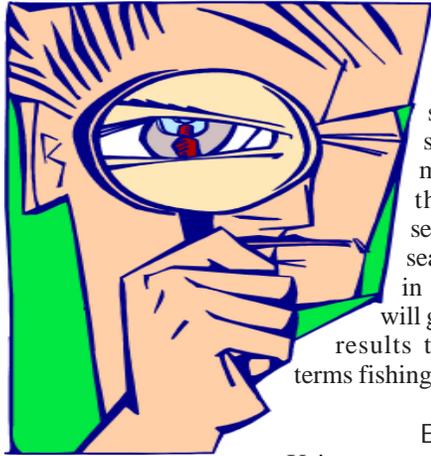
Palm TX Datasheet and Specs

http://www.palm.com/us/support/handbooks/tx/en/tx_datasheet.pdf

Performing Better Searches

By Sharon Housley

PERFORMING AND PERFECTING search engine results can save web surfers lots of time and energy. Understanding the nuances of searching allows researchers to immediately drill down and locate the information they are seeking, without having to wade through a myriad of irrelevant search results in the process. The increasing complexity of search engines has made understanding search engines a necessity for those who spend any amount of time online. The following search tips are standards that will work in most of the major search engines.



How To Find What You Are Looking For?

As the popularity of the Internet grows, more and more results are returned for even the most obscure search phrases. In order to save time, web surfers need to increase their search relevancy. It is advisable to use multiple search terms to produce better search results. Searchers should use specific words and phrases to find what they're looking for, while filtering out irrelevant and unwanted results.

In searching, more usually means less. Using more keywords in a search will help qualify the search and make it more specific to what you are looking for. It is all about striking a balance; more search terms will reduce the number of search results, but those results will be more accurate. Remember that you can always refine the search further if there are too many results returned in the initial search.

Capitalization Is Irrelevant

The major search engines ignore capitalization. Upper case and lower case search phrases will deliver the same results.

Order Matters

Keep in mind that the order in which the terms are entered into the search box will affect the search results. The most

important terms should appear first in the list of search words.

Word Stemming

Major search engines will provide results that use word stemming. Word stemming includes variants of the terms that were searched for. For example, searching on the term fish in a major search engine will generate organic search results that also contain the terms fishing, fishes, and fisher.

Exact

Using quotations around a search phrase will generate search results that contain only that specific search phrase, exactly as it was entered. For example, searching on the exact phrase "rocking horse" in a major search engine will only generate search results that contain the phrase rocking horse. The results will not include any results that contain "horse rocking" — even though both terms appear, they do not appear in the proper order for an exact match.

Do Not Include

Adding a (-) negative/minus sign before a search term will filter the results so that they contain the first term but not the negated word. For example, entering the search phrase horses -rocking into a major search engine will return search results about horses but not about rocking horses.

Must Include

If you want search results that only include a specific word, just type a (+) plus sign in front of a search term. The results produced will always contain that term. For example, conducting a search horse + carousel will result in all search results that contain carousel, and may include horse as well.

Similar Words

Adding a (~) tilde character in front of a search word will generate search results that not only include the specified search term, but will also include all words considered

to be related to the original search term. For example, using the search term ~soda will result in organic search engine results that not only include soda, but also include pepsi, pop, cola, coke, bottle, and soft drink.

Either Or

Adding an OR parameter between two search terms will result in search listings that include either the first or the second word in the search results. For example, searching on the terms soda OR bottle will generate search results that may contain both terms soda bottle or it will produce results that contain either soda or bottle but not both in the same search listings.

Advanced Searches And Segmented Searches

Many search engines allow you to specify the type of content you wish to search in. For example, you can often search just news articles, just blogs, or just images. If you are looking for a specific type of media, segmenting your search can be helpful. Searches can be conducted to locate webpages that contain a specific language, or a specific file type (ie. pdf, rss, etc). Simply use the search engine's advanced search option and select the content, language, file type, etc. to filter your search results.

Search Meta Words

Meta keyword searches give search engines special instructions. When the meta search words are used, a specific type of search is conducted. Here are some of the most common meta search terms...

define: When define: is used at the beginning of a search word or phrase, the search engine results will be a definition of the word or phrase.

site: When site: is entered in the search box, followed by a domain, the search engine locates all documents within a specific domain and all of its subdomains. This is an easy way to get a rough idea of the number of pages indexed on a domain.

link: When link: is used and followed by a URL, the search results will include all the web pages that are indexed by the search engine which contain links to the specified URL.

inurl: When inurl: is used, followed by a keyword or phrase, the search results will include links to web pages that contain the specific keyword or phrase in the urls themselves.

SEARCHING, *Cont. on page 14*

Special Interest Groups

SIG NOTES: December 2008

ASP.Net. Focuses on Web site/server application development using Microsoft Visual Studio, C#, VB, Javascript and SQL Server programming tools. Starts with Random Access, followed by a programming discussion with examples.

Contact: Chuck Fizer cfizer@snet.net.

Meets 1st Wednesday, 4-6 p.m., at the DACS Resource Center.

Next Meeting: January 7

Digital Imaging. Digital cameras, retouching and printing.

Contact: Ken Graff at 203 775-6667 graffic@bigfoot.com.

Meets last Wednesday, 7 p.m. at the DACS Resource Center.

Next Meeting: No program for January

Jobs. Networking and jobs search

Contact: Charles Bovaird, 203-792-7881 aam@mags.net.

Meets by e-mail.

Next meeting: TBA

Linux. Provides Help in installing and maintaining the Linux operating system. Also of interest to Apple owners using OS X.

Contact: Drew Kwashnak 203-910-6477 (Cell)

Meets 3rd Wednesday, 7:30 p.m. at the DACS Resource Center.

Next Meeting: January 21

Macintosh. Focuses on all aspects of the Mac operating system.

Contact: Richard Corzo macsig@dacs.org.

Meets 1st Thursday at DACS Resource Center at 7 p.m.

Next Meeting: No program for January

Open Source Web Programming. Focuses on open source tools for Windows and Linux.

Contact: John Lansdale, 914-533-2002.

Meets 3rd Monday, 7 p.m. at the DACS Resource Center.

Next Meeting: January 19

PC Maintenance. Review of PC hardware and OpSys maintenance and use.

Contact: Charles Bovaird, 203-792-7881 aam@mags.net.

Meets irregularly, at the DACS Resource Center, announced by e-mail.

Server. Explores Back Office server and client applications, including Win NT Servers and MS Outlook.

Contact: Jim Scheef jscheef@telemarksys.com

Meets 2nd Thursday, 7 p.m., at the DACS Resource Center.

Next meeting: January 8

Tech Projects. This SIG Will work on DACS "Online Community projects as well as other areas from practical application solutions, to brainstorming and to tweeking Commercial products. All skill levels and backgrounds are welcome. The goal is to mix, match and customize technology to fit our needs.

Meets 1st Wednesday, 7 p.m. at the DACS resource center.

Contact: Rob Limbaugh at (203)648-9176, relimbaugh@dacs.org

Next meeting: January 14

VB.Net, Visual Basic-6. Focuses on Smart Client Windows application development using Visual Studio, VB, C# and SQL Server programming tools. Starts with a random access session , followed by Object Oriented discussions and programming with examples.

Contact: Chuck Fizer, 203 798-9996 cfizer@snet.net or Greg Austin, 845 494-5095 greg.austin@ryebrookpba.org.

Meets 1st Wednesday, 7 p.m., at the DACS Resource Center, preceded 1 hour with a shared cost pizza snack.

Next Meeting: January 7

Virtual Computing. This SIG will explore virtual computing technologies and how to leverage them as additional system resources. Our main focus will be on the free VMWare products, but we will also look at other technologies and tools.

Meets 4th Tuesday, 7 p.m. at the DACS Resource Center

Contact: Rob Limbaugh relimbaugh@dacs.org, 203 648-9176

Next Meeting: January 27

Web Design. Applications for designing and creating Web sites.

Contact: Annette van Ommeren avanommeren@dacs.org.

Meets 3rd Tuesday, 7-9 p.m. at the DACS Resource Center.

Next Meeting: No meeting in January

Windows. This SIG will discuss ways to get the most out of your system and applications, how to do new things, and other options in terms of hardware and software to help make life easier. All skill levels are welcomed and encouraged to attend

Contact: Rob Limbaugh relimbaugh@dacs.org, (203)648-9176

Next Meeting: January 15

SIG News & Events

ASP.Net and C#VB .Net. Again, we boldly go from obscurity to light in design of the human interface with ASP.NET tools. We added another increment of improvement to the design for CAPTCHA capability to use graphic validation for entry to our DACS Web site. This task for development is to preserve a prospective user's text entry when some error of submission requires another trial of entry. We keep the design principle to keep user changes at the browser rather than send them to the server.

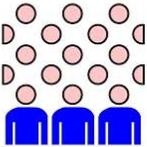
To analyze a Web page at the browser rather than at the server, we would be well served by a code behind file, but it was not available. With each trial of entry to the Web site those characters in the graphic display must be revised. With an addition of a test page to this CAPTCHA blocker a code behind file is provided to have a changed display that preserves user text as well in a viewstate as part of a normal life cycle. As conceived, so was it done.

To revel in an expansive exploration of new variations of a gastronomic theme, we had different toppings on our pizza for the break.

SIG News, Cont. on page 13

January 2009

Danbury Area Computer Society

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																													
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	 <p>Opensource Web Program. 7:00 PM John Lansdale 914-533-2002</p>	 <p>Web Design Annette van Ommeren 914 232-0149</p>	 <p>7:30 PM Linux Drew Kwashnak 203 910-6477</p>	 <p>7:00PM PC Maintenance Charles Bovaird 203 792-7881 (By arrangement)</p>																																																																															
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System Maintenance

Advanced System Care Free V3 – Improve PC Performance

By Ira Wilsker

ONE OF THE MOST frequently asked questions on my weekly radio show (KLVI 560AM, Mondays, 6-7pm) has to do with improving the performance of a sluggish computer. One of the utilities I most recommended was the free version of IObit's Advanced Windows Care – Personal Edition, version 2. Recently IObit released an upgraded and updated utility renamed Advanced System Care Free V3, which IObit claims has over 10,000 improvements and updates. Being a fan of system improvement utilities, I had to download and install this new version, replacing the older version 2 that I have been happily using for about the past 18 months.

Going to the IObit website at www.iobit.com, and downloading the new software was an easy experience, as I was given the choice of multiple download sites. I selected one of the Texas mirrors of MajorGeeks, a major download service, where the download counter of this new version indicates that over 1.5 million copies of this new version 3 have been downloaded from MajorGeeks alone. The download was about

7.6 megs in size, and downloaded remarkable fast for a download that size, to the credit of the bandwidth available at the Texas MajorGeeks website. Once downloaded, I clicked on the file to install it, and it recognized my older version 2, which it replaced. I was given the choice of language, and “skin” (background color scheme), and selected the white (really a soft light blue) as the easiest to read.

Once the install was complete, I chose to run the program. It displayed a clean fresh graphical interface that on the left of the window gave the choices “Maintain Windows”, “Diagnose System”, “Utilities”, and “Home”. Whichever icon is selected opens the right half of the window. For my first test of the software, I chose to Maintain Windows. I was offered a check-box selection of “Spyware Removal”, “Registry Fix”, “Privacy Sweep”, and “Junk Files Clean”. I selected all of them and clicked on “Scan”. In just a few minutes, Advanced System Care Free V3 detected 20 items it labeled as spyware (all were tracking cookies), 66 correctable



	Advanced SystemCare v3 Free	Cleaner	Registry Mechanic	Regcure	Tuneup Utilities	System Mechanic	Microsoft OneCare	Norton 360
ALL-in-one (secure repair, clean, and optimize)	✓					✓	✓	✓
Optimize and speed up PC and Internet	✓				✓	✓		
Complete registry care (fix, clean, and defrag)	✓		✓		✓	✓		
Security features	✓						✓	✓
1-click solution	✓	✓	✓	✓	✓		✓	
Price	Free	Free	\$29.96	\$29.96	\$49.96	\$34.97	\$49.96	\$79.96

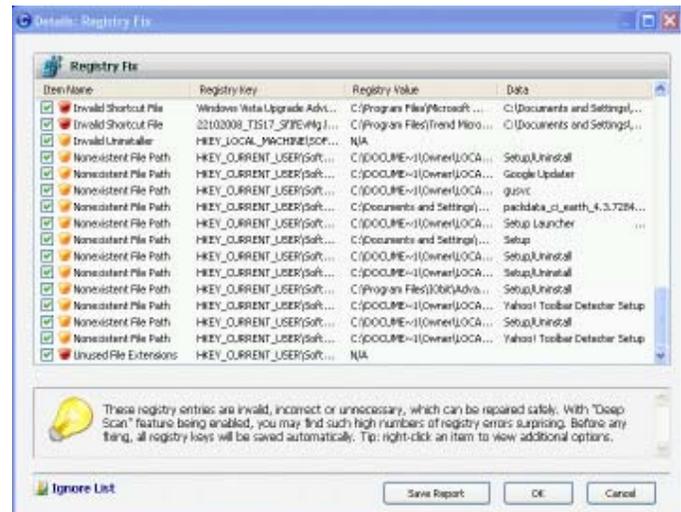
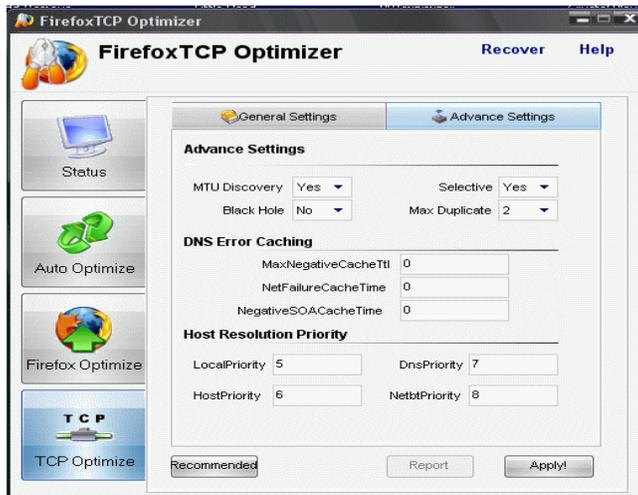
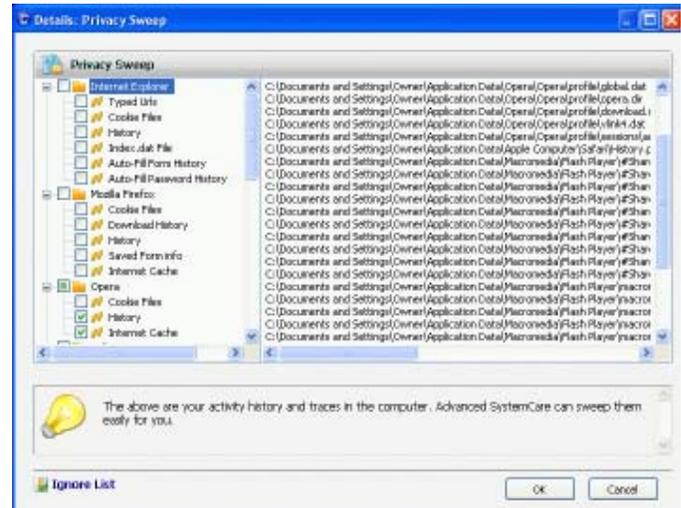


errors in my registry, 29 privacy issues, and 394 megs of junk files that could be deleted. I prefer to not blindly follow what is found, so I clicked on each of the findings to review what was found. After some minor tweaking, I decided to accept what was found, and clicked on the “Repair” icon. In just seconds, all of the corrections and deletions were carried out.

Selecting the “Diagnose System” icon, I was given the now familiar check boxes for “System Optimization”, “Security Defense”, “Disk Defragment”, and “Security Analyzer”. I checked all except Disk Defragment, as I had just recently defragged my hard drive using IObit’s free standing and excellent disk defragmentation utility, and wanted to save the time, despite IObit’s claim that the integral defragmentation utility is up to 10 times faster than some other competing products. System Optimization detected about two dozen “system bottlenecks” and corrected the system settings to improve performance. The Security Defense feature can immunize the computer against thousands of malicious websites, illicit tracking cookies, browser hijackers, dialers, and other malicious software. Security Analyzer examines running programs to detect and disable any malware that may be currently running on the computer.

The Utilities selection offers 20 distinct utilities to tune-up the computer and its applications; examine the security settings and backup critical system files and settings’ and

“Admin Tools” which includes an uninstall utility, as well as my personal favorite, a startup manager to identify and control what programs startup when the computer is booted. By cleaning up the startup, the computer will run faster, boot quicker, and have fewer conflicts, because fewer programs will be automatically loaded. Under the Tune Up tab, I found



that Firefox (my preferred browser) can be optimized for maximum performance.

The “Home” icon displays program version, database updates, most recent scan, user account (free or paid “Professional” account), and the cumulative results of the scans that had been performed. The center “Care” icon automatically runs the system optimization utilities, as a one-click performance improvement function.

As is to be expected, IObit has a comparison chart that compares the features of Advanced System Care Free V3 with its software competitors, both free and commercial. The features listed on the chart are “All-in-one secure, repair, clean, and optimize”, “Optimize and speed up PC and Internet”, “Complete registry care”, “Security features”, “1-click solution”, and “Price”. This software is compared to seven major competitors (1 free and six commercial), and comes out feature rich compared to the competition. To be fair, some of the products listed have features and capabilities not included with Advanced System Care Free V3, but comparing system utilities and clean up programs, this program compares very well.

It is inevitable that users will ask why IObit would give away software this powerful; the reason is that IObit clearly wants the satisfied user to upgrade to the Pro version, which has more features and capabilities, and is currently on sale online for \$19.95 (regularly \$29.95) directly from IObit. The

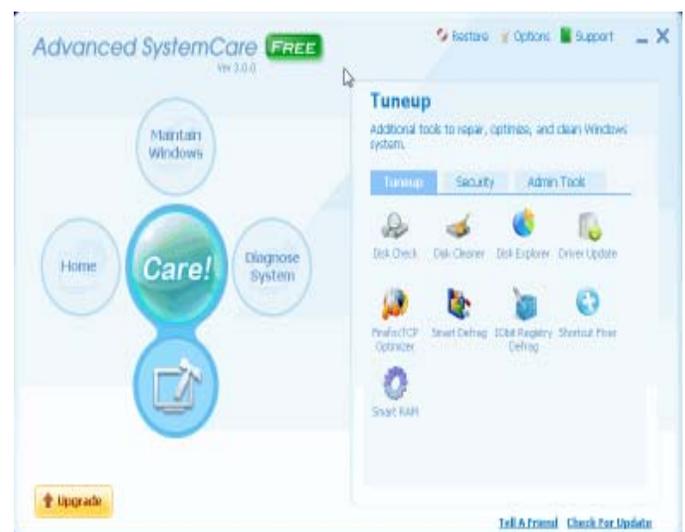
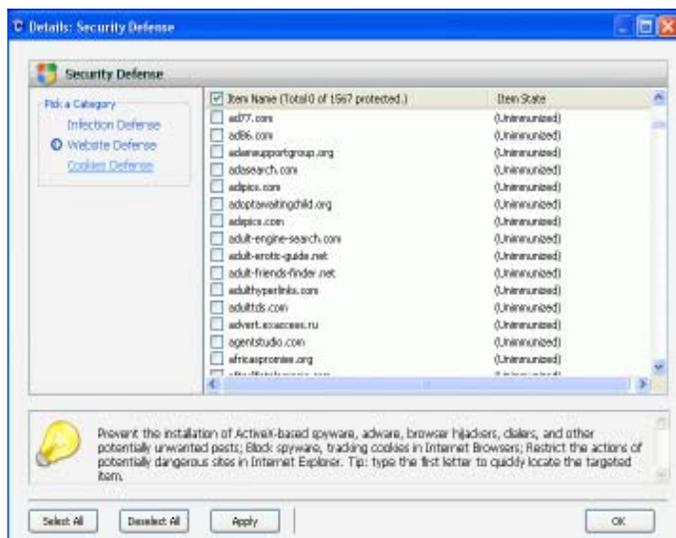
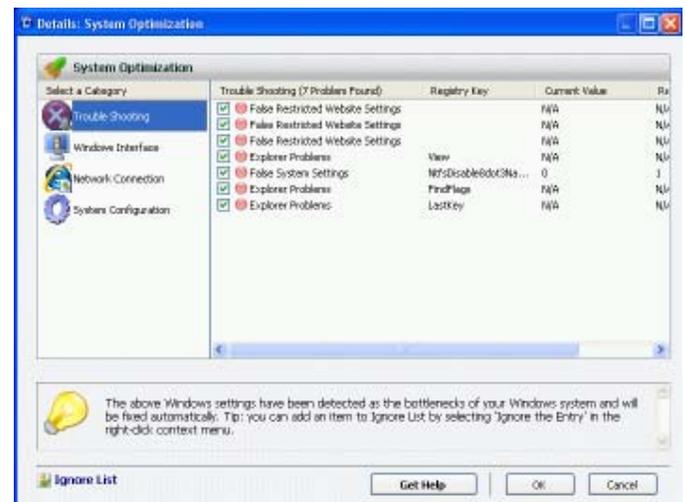
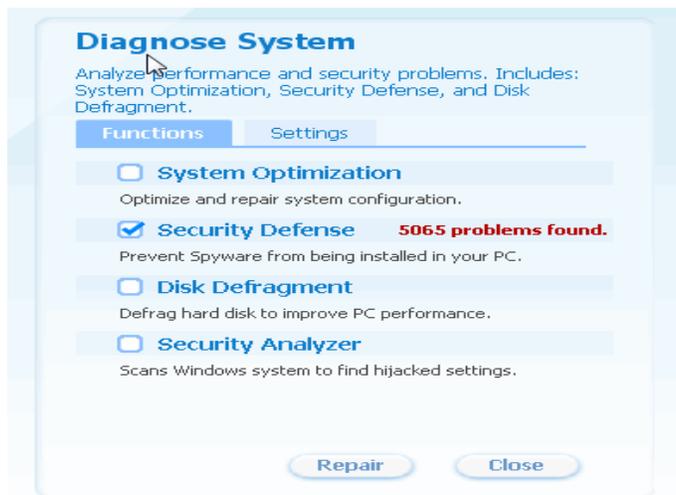
Pro version has additional performance improving features, a deep registry scan that roots out many more useless registry entries (the Pro version detected over 3000 useless registry entries on my computer, compared to only 66 in the free version), additional tune-up features to both improve hardware performance and web speed, and free technical support.

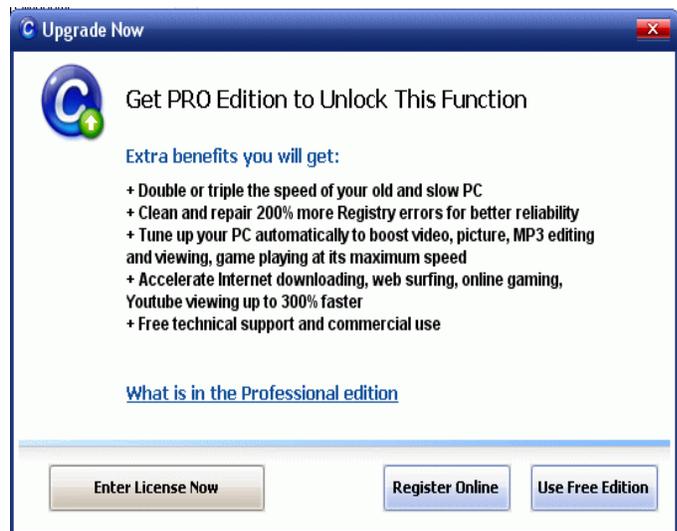
The excellence of Advanced System Care Free V3 has been recognized in the media with several awards, including high ratings from ZDnet, Tucows, Softpedia, Download.com, PC World, PC Magazine, and other publications. Download.com claims that Advanced System Care Free V3 is its number one most downloaded system utility, with about 9.5 million downloads, even though it has only been available for the past several weeks.

For those wanting a powerful, and feature rich utility to improve computer performance, the free version of Advanced System Care Free V3 would be a very good choice. For those who want additional features and capability, the Pro version, currently on sale for \$19.95, would be a very good choice.

IRA WILSKER is APCUG Director, Columnist for The Examiner, Beaumont TX, and a Radio Show Host. He can be reached at iwilsker@apcug.net. Websites: <http://www.iobit.com>, <http://www.iobit.com/advancedwindowscareper.html>

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SIG News, Cont. from page 8

Greg Austin joined us and found another variation in our CAPTCHA design to assist him in smoothing some design tasks in his own development effort. Instead of searching for a graphic for an interface, he learned from our example to look instead for a bitmap. To see the many variations in this design of validation of entry to a Web site we analyzed the many subtle features of the code. Addition of JavaScript controls was demonstrated for an illuminating display of coding art in action.

Macintosh. In December, we answered many questions besides taking a look at creating iPhoto projects for the holidays.

One question related to entering song names for a homemade compilation CD. Since this wasn't a commercial CD, iTunes wasn't able to recognize it and look up the album and song titles. The SIG member tried entering the song names directly into the Import CD screen, but found the song names were lost after the import into the Music library. The trick is to leave the Track 01, Track 02, etc., names alone for the import. Since the CD is not a writable medium, any song names you enter there won't stick. Wait until after the songs are imported into your iTunes library on the hard drive, and rename them there.

The follow up question was how to edit the artist or album name which will be the same for a whole group of songs. Just select the group of related songs (click the first in the list and shift click the last in the last). Then right click or control click and select Get Info. You'll be prompted to confirm that you want to edit multiple items. Then you can edit the artist, album, genre, or any other information common to the group of songs.

I wanted to show how to create a photo book, or (new in iPhoto '08) a calendar or greeting card from photos you have in iPhoto. Since I have many photos on my home machine and hardly anything on the Resource Center Mac, I chose to show off the Back to My Mac feature.

This requires a MobileMe account (formerly .Mac) and Mac OS X Leopard. If you don't have an Airport Extreme or Express, you also need to enable UPnP (universal plug-and-play) on your home router. See the Apple Support document at <http://support.apple.com/kb/HT1109>. One

member pointed out that enabling UPnP is considered a security risk. It's true in that it allows a program on your computer to dynamically open up ports on your router. You have to weigh the risk and may decide that you don't want to keep UPnP enabled all the time. In any case, to enable Back to My Mac, you must enable it in the MobileMe system preference on your home Mac. In the Sharing preference you must enable file sharing and/or screen sharing.

Since I had set up the MobileMe preference on the Resource Center Mac to log into my MobileMe account, my home iMac G5 showed up in the Finder sidebar, and from there I could log in to my home machine. I opened iPhoto and chose one of the events in my library. I chose to create a calendar and selected one of the themes. You can drag the photos manually to the placeholders in the calendar, or select the Autoflow icon which will automatically place one or more photos on each calendar page. The process is similar if you are creating a photo book or greeting card.

A little confused as to whether I was seeing iPhoto and iTunes on my home machine or on the Resource Center Mac, I took a second opportunity to show off a feature in Leopard, namely Spaces. You enable this under Exposé and Spaces in System preferences. This allows you to switch between different virtual screens and you can place different applications in different spaces.

A final question related to how to print text larger from applications such as Mail or Safari. I posted the answer in the DACS forum here: <http://www.jasetaro.com/dacsforum/viewtopic.php?f=13&t=75>. Feel free to post your own comments and questions in the DACS Macintosh SIG forum.

Make note that in January the first Thursday falls on January 1, so we won't have a SIG meeting due to the New Year's holiday. See you in February.

Server and Networking. For the second month in a row, the meeting was canceled at the last minute due to inclement weather. The next attempted meeting will be Thursday, January 8th at 7 p.m. in the DACS Resource Center. The cookies promised in December will be served.

Circuit Writer Version 6.5

by Jim Scheef

Is the future in a fog?

AT THE DECEMBER General Meeting, John Patrick told us all to “embrace the cloud.” Clouds are those nice fluffy things in the sky, except when you get up close. Then clouds are just more fog. So which is right? Is cloud computing something fluffy we should embrace or is it just something more to obscure our data?

Maybe ten years ago John started talking about a new kind of wireless networking. He rather awkwardly held up his laptop so we could see the end of a PC card sticking out of the side of his computer and said, “This changes everything.” I couldn’t believe it. The cards cost way more than \$200 and who knows how much an access point would have cost back then. Of course, we all know now that the price of the cards dropped to one third and an access point, now combined with a switch and router, can cost as little as \$20 and move data at wired LAN speeds. While Wi-Fi may not be ubiquitous, it is just about there for coffee shops. In mid-2000 I found that a three-computer wireless network would cost about \$1000 (See “Home Networking and the WAF”, www.dacs.org/archive/0101/feature3.htm) but this was still a lot cheaper than installing LAN outlets in the walls throughout my humble house.

The point of all this is that John is probably correct about the cloud, so we’ll spend some time over the next few months peering into the fog to see what we can see. We have already had some “cloud computing” in general meeting programs about “Web 2” (www.dacs.org/archive/0802/review.htm) and several alternatives to Microsoft Office (ThinkFree Office Online, www.dacs.org/archive/0603/review.htm) and Zoho Writer (www.dacs.org/archive/0605/whatsnews.htm). So while the name may be new, the concept goes way back into the 90’s when Sun Micro and Oracle talked about the “Network Computer” (en.wikipedia.org/wiki/Network_Computer) where the normal desktop computer is replaced by a “thin” computer that is little more than a terminal. Digging deeper should be fun.

A Top Ten List from the Old Year

Here are some great stories from the last year that I didn’t get to write about at the time or are just too good to forget. Some, like SCO v. Novell, became so predictable that they fell off the news scope, even within the industry. If seeing SCO eat dirt would give you glee, then I urge you to search for “SCO v. Novell” on Groklaw to see the story progress.

1. 15-Year-Old Steals Data on 55,000 People in School District Hack, Information Week (tinyurl.com/5e6wfn) 5/23/08 [Web URL: <http://www.informationweek.com/story/showArticle.jhtml?articleID=211201491>]
2. After the Layoffs: Collecting 52,000 Laptop and Desktop Computers, eWeek (tinyurl.com/68s73b) 11/19/08
3. Smaller PCs Cause Worry for Industry, NY Times (tinyurl.com/6x06kz) 7/21/08
4. The New Washington Tech Agenda, eWeek (tinyurl.com/6q4zct) 11/16/08
5. Richard Stallman On Cloud Computing: ‘Stupidity’, Information Week (tinyurl.com/6zztcc) 10/1/08
6. How the Trial Will Go, Beginning Tomorrow (SCO v. Novell), Groklaw (tinyurl.com/6mo7vm) 4/28/08
7. Final Judgment in SCO v. Novell: SCO Loses Again, Groklaw (tinyurl.com/5b8ats) 11/20/08
8. Why Old Technologies Are Still Kicking, NY Times (tinyurl.com/5tucjx) 3/23/08
9. Gas Station ATM/Card Reader Likely Rigged in New ID Theft Case, Dark Reading (tinyurl.com/5mv3u4) 5/29/08
10. Kaiser Backs Microsoft Patient-Data Plan, NY Times (tinyurl.com/65rqhe) 6/10/08
11. First It Was Song Downloads. Now It’s Organic Chemistry., NY Times (tinyurl.com/6eranf) 7/27/08
12. Technology Smooths the Way for Home Wind-Power Turbines, NY

Times (<http://tinyurl.com/6czcd2>) 4/15/08

13. Microsoft’s plan to block Linux on laptops, PC World (tinyurl.com/3lyve2) 5/9/08

OK, these aren’t really a top anything but they will either make you wonder, smile or, like number 12, give you some small reason to hope. The economy is bleak and CNBC has never been more depressing, but I am optimistic for our country and the world. In the Nineties, Internet technology was the driver that fueled the longest period of sustained growth ever. I believe we are about to start another such decade of growth. This time the driver will be the environment and all the new technology and industry needed to abate climate change. Hopefully, we have leadership who can get our country back on track.

Above all else, remember that it’s ski season, so things can’t be all bad!

JIM SCHEEF is past president of DACS and director of the Server and Networking SIG.



SEARCH, Cont. from page 6

intitle: When intitle: is searched on in conjunction with a keyword or phrase, the search engine locates search results that contain the specified keyword or phrase in the web page title.

Web surfers can save large amounts of time and energy by optimizing their search techniques with these helpful tips.

SHARON HOUSLEY manages marketing for FeedForAll (<http://www.feedforall.com>) software for creating, editing, publishing RSS feeds and podcasts, and for RecordForAll (<http://www.recordforall.com>) audio recording and editing software. Sharon@notepage.com

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Ask DACS

December 2008

by Jim Scheef

WE WELCOME QUESTIONS FROM the floor at the start of our General Meetings. In addition, members who are not able to attend the General meeting may submit questions to askdacs@dacs.org. We will ask the question for you and post the reply in *DACS.ORG*. Please provide as much information as possible since we can't probe during the session.

There were no questions by email this month. You can send questions to askdacs@dacs.org and they will be considered at the next meeting.

Q: I use Firefox and installed Slacker (Internet radio) and now I can't get it to unload. No matter what I do, whenever I start Firefox, Slacker loads.

A: A general lack of familiarity with Slacker made this question difficult to answer at the meeting. In fact, there was much disinformation and resulting confusion. Later investigation confirmed that Slacker is neither an Add-in or an Extension; it is a website that runs a very extensive Flash application to find and play Internet "radio stations". (Unfortunately this does not appear to include streaming programs from actual broadcast stations.) One of the last suggestions from the meeting seems to be the more likely solutions: somehow the member made Slacker his home page for one of multiple home pages in Firefox. Firefox allows the user to designate more than one web page as a home page and it will open these pages in multiple tabs. Clearing Slacker from the home page list should solve the problem.

Q: My laptop is freezing intermittently. When it is frozen, it must be powered down by holding the power button. Once it has frozen, it will continue to freeze during boot-up for some number of retries. I think it is a software problem. How can I debug the problem?

A: Suggestions quickly centered on a failing hard drive with failing RAM a close second. Warnings included an admonition to back up all valued data immediately.

Q: I have an external hard drive that works over the local area network. It seems to work fine but I don't know how to assign it a drive letter. The drive is visible on the network and I can see shared directories on the drive. When

I try to save a file to the network drive, there is no drive letter.

A: From the audience: In Windows Explorer, there is a function called "Map Network Drive". On XP this is on the Tools menu. In Vista "Map Network drive" appears on the Windows Explorer tool bar when you are on the Computer view.

Naturally there is also a command line program to map a network drive. This works on any version of Windows (or even DOS) that has Microsoft networking enabled. The command syntax is: prompt>NET USE [drive letter | *] \\targetComputername\sharename <options>. Type "NET USE /?" in a command window to see the complete syntax. This command line tool can be used in a batch file to automate mapping several drive letters automatically.

There must already be a network share on the remote computer, or in this case, the network attached storage drive for any of these methods to work.

Q: When I run AVG antivirus scan, it does not find any viruses but does report some "discrepancies". For example, one file reported is |system32\NTOSKRNL.EXE plus two other files. Is this serious or can I ignore it?

A: The file NTOSKRNL.EXE is part of the core of Windows and could have been replaced by Windows Update. The other files sound like they are part of Sun Java which is updated periodically. I suspect you need to run something (an inoculate function perhaps) to tell AVG that these files have been updated. One member pointed out that AVG has a known problem of reporting some key Windows components as Trojans on some foreign language versions of Windows. There is more information on the DACS Community Forum

There was one question this month in the AskDACS section of the DACS Community Forum.

Q: I would like to know how to open Outlook Express from Firefox. I now have to open Internet Explorer, then open Outlook Express and close Explorer. Is there a way to open OE directly from Firefox?

A: You can read the answer at www.jasetaro.com/dacsforum/viewtopic.php?t=71.

Disclaimer: Ask DACS questions come from members by email or from the audience attending the general meeting. Answers are suggestions offered by meeting attendees and represent a consensus of those responding. DACS offers no warranty as to the correctness of the answers and anyone following these suggestions or answers does so at their own risk. In other words, we could be totally wrong!

FREE CLASSIFIEDS

DACS members may publish noncommercial, computer-related classified ads in *dacs.doc* at no charge. Ads may be sent by e-mail to Charlie Bovaird at aam@mags.net, or hard-copy may be submitted at our monthly general meeting.



Do you have a burning computer question, but can't make it to the meeting or just never seem to get your hand up in time? Email your inquiry to Jim Scheef, the answer guy, at askdacs@dacs.org, and your question will be taken up at Ask DACS at the next meeting.

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Future Events:

January 5

Ed Hicks, Orienteering
Unlimited, Inc. –
Digital Cartography

February 2

Paul Troisi, Vantage
Communications – IP
Telephony

March 2

Jay Ferron, APCUG –
Home Server

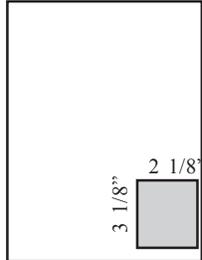
April 6

Drew Kwashnak –
The Latest on Linux

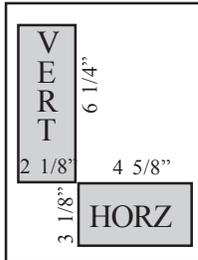
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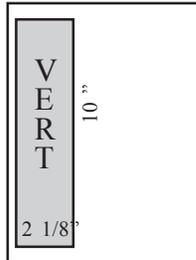
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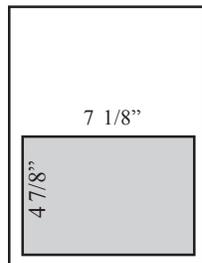
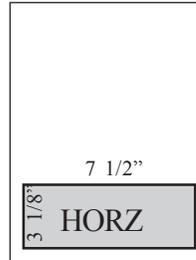
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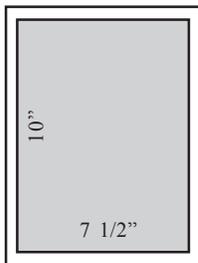
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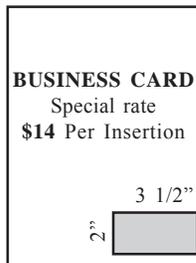
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Danbury Area Computer Society is a non-profit corporation organized under section (501)(C)(3) of the US Tax Code. Its purpose is to promote education, knowledge sharing, networking and communication between users of personal computers. DACS is an all volunteer organization, with no employees. The major source of income is member dues. Members can volunteer to become instructors, lecturers, DACS officers and board members, committee members, or SIG leaders.

We sponsor or participate in community support projects by collecting, repairing, and redistributing used computer equipment and software to community service providers such as schools, libraries, and patient/client support groups. DACS members provide pickup, refurbishing, installation, and training assistance as needed. Firms or individuals with equipment to donate should leave a message on the DACS Infoline (203-748-4330) or send an email to recycling@dacs.org.

The Voice for Joanie program was created in 1992 through the initiative of DACS member, Shirley Fredlund. This program provides computer-assisted speech for victims of amyotrophic lateral sclerosis ("Lou Gehrig's Disease"). DACS members have contributed volunteer time and technical assistance since the program began. Voice for Joanie and DACS have earned national computer industry recognition and financial assistance for this vital collaboration.

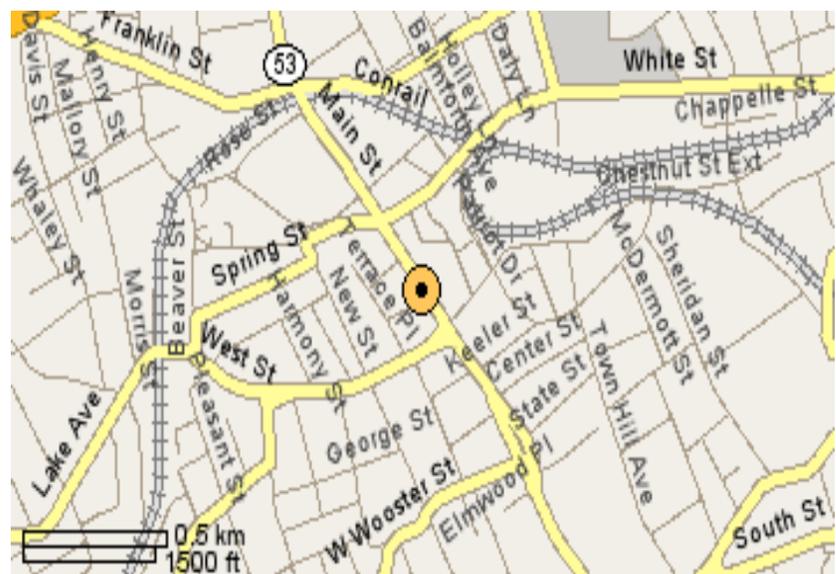
Our general meetings are held on the first Monday of each month in the Danbury Hospital Auditorium at 7 p.m. These meetings are open to the public. The main presentation is scheduled from 8-9:30, preceded by casual networking, announcements and Random Access, an informal question and answer session. A free product raffle is often held at the conclusion of the main presentation.

In addition to the general meeting, DACS sponsors many special interest groups (SIGs) where members can learn and share information about a specific topic. Each SIG plans its own meeting schedule and program topics.

Our newsletter, *dacs.doc* is published monthly for our members, and mailed to arrive before the general meeting. It features articles written by members and others on timely topics including product and software reviews, issues and trends in personal computing and "how-to" articles on sound, video, digital photography, etc. In addition, each issue includes the calendar of meetings, announcements on SIGs and other DACS events. *dacs.doc* has won numerous prizes over the years for its design and content.

Through its activities, DACS offers numerous opportunities to network both professionals and computer hobbyists. Our Special Interest Groups are an excellent way for members to both learn and share application or hardware knowledge. Any DACS member can form a special interest group on any topic where there is interest. Most SIGs meet in our Resource Center in downtown Danbury.

If you have concerns, requests, or suggestions regarding DACS or its programs, please contact dacsprez@dacs.org. DACS officers and board members' phone numbers are listed on page 3 of *dacs.doc*.



The DACS Resource Center is in Ives Manor, Lower Level, 198 Main Street, Danbury, CT 06810 (203-748-4330).



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www.dacs.org/aboutdacs/joining.htm

Each member has access to the HelpLine volunteers, newsletter online in PDF form, group related news via email, SIG meetings, and any group-only related events, promotions, or activities.

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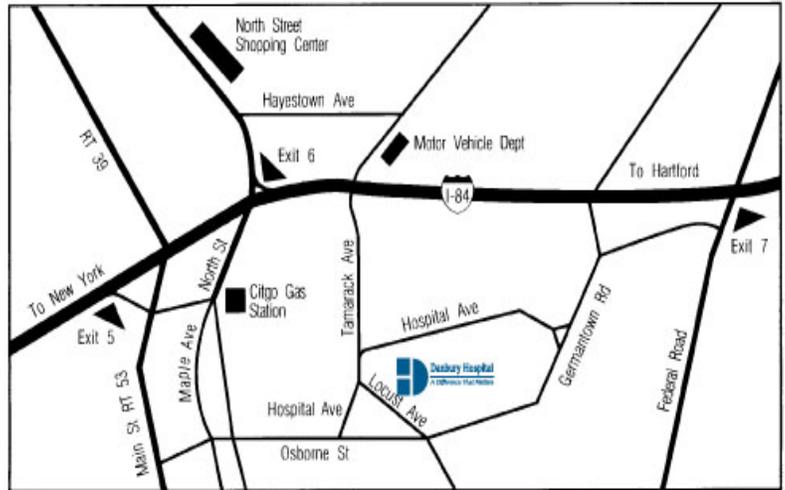
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Meeting Location

Danbury Hospital
24 Hospital Avenue
Danbury, CT

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Traveling East on I-84: Take Exit 5. After stop sign, go straight ahead to intersection of Main Street and North Street. Go straight through onto North Street. Turn right off North Street to Maple Avenue. Go on Maple Avenue to Osborne Street. Turn left on Osborne Street. Turn left onto Hospital Avenue. Follow Hospital Avenue to appropriate visitor parking lot on right.



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